

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)			ATTY DOCKET NO. 2004-1545A	SERIAL NO. 10/509,576			
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT Kazunori KATAOKA et al.				
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)			FILING DATE September 29, 2004	GROUP 1645			
Date Submitted to PTO: March 30, 2005			U.S. PATENT DOCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SH	AA	5,242,828	9/1993	Bergström et al.			
	AB	2003/0171506	9/2003	Kataoka et al.			
	AC	2004/0038506	2/2004	Kataoka et al.			
	AD	6,833,275	12/2004	Nichtl			
↓	AE	2002/0052009	5/2002	Hornauer et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SH	AF	01/86301✓	11/2001	WO			
	AG	2002-267669✓	9/2002	Japan			
	AH	2000-055920✓	2/2000	Japan			
	AI	2001-200050✓	7/2001	Japan			
↓	AJ	2002-80903✓	3/2002	Japan			
	AK						
	AL						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AM	A. Szabo et al., "Surface plasmon resonance and its use in biomolecular interaction analysis (BIA)", Current Opinion in Structural Biology, 5, pages 699-705, 1995. ✓					
	AN	C. Roberts et al., "Using Mixed Self-Assembled Monolayers Presenting RGD and (EG) ₃ OH Groups To Characterize Long-Term Attachment of Bovine Capillary Endothelial Cells to Surfaces", J. Am. Chem. Soc., 120, pages 6548-6555, 1998. ✓					
	AO	L.A. Lyon et al., "Colloidal Au-Enhanced Surface Plasmon Resonance Immunosensing", Anal. Chem., 70, pages 5177-5183, 1998. ✓					
	AP	L. He et al., "Colloidal Au-Enhanced Surface Plasmon Resonance for Ultrasensitive Detection of DNA Hybridization", J. Am. Chem. Soc., 122, pages 9071-9077, 2000. ✓					
EXAMINER <i>X in favor of</i>				DATE CONSIDERED <i>10/5/05</i>			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

• Sheet 2 of 2

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FORM PTO 1449 (modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		PETTY DOCKET NO. 2004-1545A		SERIAL NO. 10/509,576	
		MAR 30 2005		APPLICANT Kazunori KATAOKA et al.		TRADEMARK OFFICE MARCH 30 2005	
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		TRADEMARK		FILING DATE September 29, 2004		GROUP 1645	
Date Submitted to PTO: March 30, 2005							
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AD						
	AE						
	AF						
	AG						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
SH	AH	English translation of originally filed PCT application (PCT/JP02/08619).					
	AI	E. Hutter et al., "Surface Plasmon Resonance Studies of Gold and Silver Nanoparticles Linked to Gold and Silver Substrates by 2-Aminoethanethiol and 1,6-Hexanedithiol", J. Phys. Chem. B, 105, pages 11159-11168, 2001.					
	AJ	N. Nath et al., "A Colorimetric Gold Nanoparticle Sensor to Interrogate Biomolecular Interactions in Real Time on a Surface", Anal. Chem., 74, pages 504-509, 2002.					
↓	AK	W. P. Wuelfing et al., "Nanometer Gold Clusters Protected by Surface-Bound Monolayers of Thiolated Poly(ethylene glycol) Polymer Electrolyte", J. Am. Chem. Soc., 120, pages 12696-12697, 1998.					
	AL						
	AM						
EXAMINER	<i>Surjan Ober</i>			DATE CONSIDERED		10/5/05	

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APR 22 2005 U.S. PATENT & TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)					
Date Submitted to PTO: April 22, 2005		APPLICANT Kazunori KATAOKA et al.					
		FILING DATE September 29, 2004		GROUP 1645			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SH	AJ	00/33079 /	6/2000	WO			
	AK	01/09388 /	2/2001	WO			
	AL	03/050291 /	6/2003	WO			
	AM	98/10289 /	3/1998	WO			
✓	AN	01/73123 ✓	10/2001	WO			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AO						
	AP						
	AQ						
EXAMINER	<i>Kazunori Kataoka</i>			DATE CONSIDERED <i>10/15/05</i>			

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10/509576

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO. 2004-1545A	SERIAL NO. NEW			
Date Submitted to PTO: September 29, 2004			APPLICANT Kazunori KATAOKA et al.				
			FILING DATE September 29, 2004	GROUP			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SH	AA	2002/0052009	5/2002	Hornauer et al.			
	AB	5,763,191	6/1998	Knoll et al.			
	AC	3,071,823	1/1963	Platt et al.			
Y	AD	6,207,392	3/2001	Weiss et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SH	AJ	02/20200 /	3/2002	WO			
	AK	02/04918 /	1/2002	WO			
	AL	11-140097 /	5/1999	Japan			
	AM	11-211727 /	8/1999	Japan			
Y	AN	03/18690 /	3/2003	WO			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
SH	AO	H. Otsuka, "Quantitative and reversible lectin-induced association of gold nanoparticles modified with alpha-lactosyl-omega-mercaptopoly(ethylene glycol)", J. Am. Chem. Soc., 123 (34): 8226-30, August 29, 2001.					
Y	AP	Kakizawa et al., "Block Kyojugotai to DNA kara naru Jiko Soshiki-ka Ryushi no Sosei to sono Saibonai DNA Donyu System eno Tenkai", Polymer Preprints, Japan, Vol. 50, No. 14, pages 3818 to 3819, 2001.					
	AQ						
EXAMINER	<i>Shufeng Ren</i>			DATE CONSIDERED	10/5/05		